

Degree	Type	Year	Semester
4313815 Research in Education	OT	0	1

## Contact

Name: Josep Maria Fortuny Aymemí

Email: JosepMaria.Fortuny@uab.cat

## Use of languages

Principal working language: catalan (cat)

## Prerequisites

RESEARCH IN SPECIFIC AREAS OF TEACHING

## Objectives and Contextualisation

RESEARCH IN SPECIFIC AREAS OF TEACHING MATHS

## Content

RESEARCH IN SPECIFIC AREAS OF TEACHING MATHS

1. Analysis of the processes of learning geometry.
2. Theories about the instrumentation, orchestration and instrumentation
3. Estimation of measures. Research and curricular aspects
4. Problem Solving Strategies arithmetic: modeling.
5. mathematical argumentation in the classroom: the case of algebra and its language
6. Teaching and Learning of combinatorial algorithms and counting
7. Visualization and data representation in school mathematics.
8. Research the learning of Functions
9. advanced mathematical thinking.